IMPORTANT SAFETY INFORMATION

CAUTION!
RISK OF ELECTRIC SHOCK
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK)

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.
Do not use this apparatus near water.
Clean only with a slightly damp cloth.
Do not block any ventilation openings.
Install in accordance with the manufacturer's instructions.
Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat.
Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning: To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. The product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the product.

No naked flame sources such as candles should be placed on the product.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Caution: Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.

IMPORTANT

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

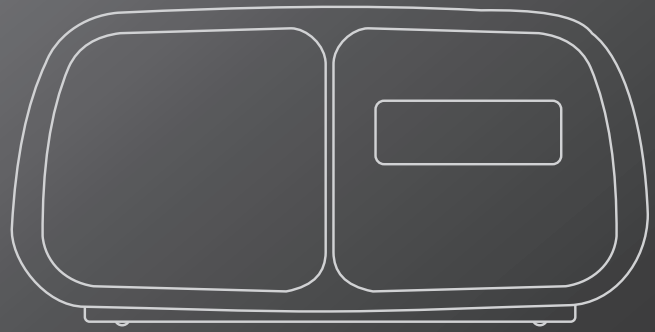
ELECTRICAL INFORMATION

Mains Supply: The mains operating voltage of this unit is marked on a rating plate on the AC adaptor.

The means of disconnecting this appliance from the mains supply is the mains plug/AC adaptor. This should be unobstructed and readily operable at all times.

Tesco Stores Ltd, Delamare Road, Cheshunt, Herts, EN8 9SL

TESCO



DAB-123
DAB/FM radio

PRELIMINARIES

UNPACKING

Carefully unpack the unit. If it is damaged, please return it to your nearest Tesco store for replacement. Remember to take your purchase receipt with you.

Retain the User Handbook. If you pass the unit on to a third party make sure you pass on the handbook.

We suggest you retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

CONTENTS

The carton should contain:

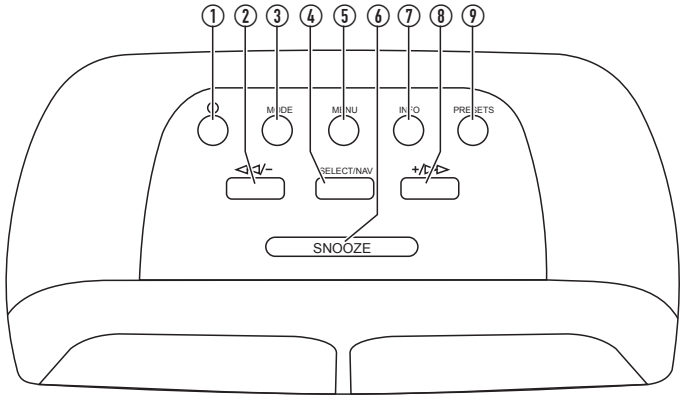
- The DAB-123 digital radio
- AC Adaptor
- Operating Manual

If any items are missing or damaged, contact your nearest TESCO store for a replacement. Have your receipt ready when you call. Retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

LOCATION

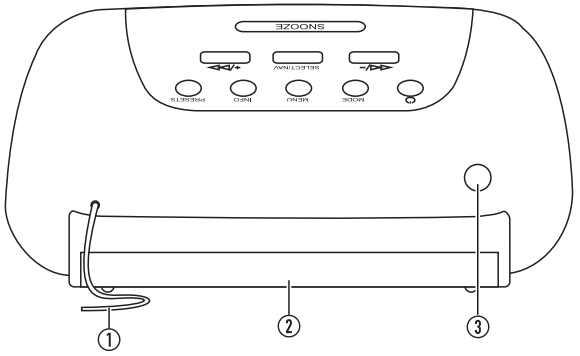
Place the unit on dry stable surface away from heat and damp and where it is unlikely to fall or be knocked over.

TOP VIEW



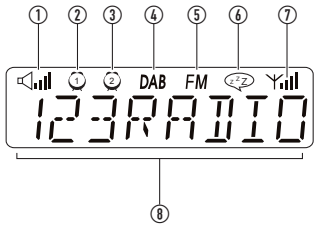
① Standby/On button
② Down/Previous button
③ Mode button
④ Select/Nav button
⑤ Menu button
⑥ Snooze button
⑦ Info (display mode) button
⑧ Up/Next button
⑨ Presets button

BACK VIEW



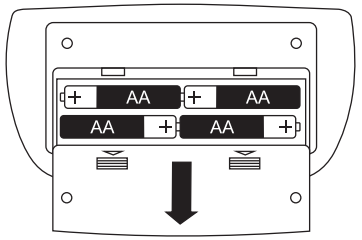
① DAB/FM aerial ② Battery cover ③ DC-In jack

DISPLAY FEATURES



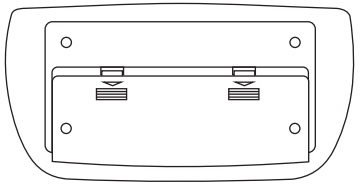
① Volume bargraph
② Alarm 1 indicator
③ Alarm 2 indicator
④ DAB indicator
⑤ FM indicator
⑥ Sleep indicator
⑦ Signal strength bargraph
⑧ Alphanumeric display for station names, status etc

FITTING BATTERIES



Batteries may be fitted to power your radio for portable operation.

1. Slide the battery cover off in the direction indicated.
2. Fit 4 x AA batteries in the positions shown, observing polarity.



3. To re-fit the battery cover, engage the two locking pegs into the slots in the position shown above.
4. Clip the battery cover into place.

GETTING STARTED

CONNECTING POWER

- Check that the mains voltage marked on the rating plate of the AC adaptor is the same as the voltage in your area.
- Plug the DC cable from the AC adaptor into the DC-In jack on the back panel.
- Plug the AC adaptor into the wall socket and switch the mains power on.

Initialisation begins -

- *A welcome message is displayed.*
- *The radio will tune to the last station played.*

DAB/FM AERIAL

Before using your radio for DAB or FM reception, always fully extend the aerial wire.

FITTING BATTERIES

If you want to power your radio from batteries for portable operation, refer to the diagram on the previous page and fit 4 x AA batteries into the battery compartment. Alkaline batteries are recommended for best performance.

NOTE: The alarm functions will not operate when battery powered.

BATTERY DISPOSAL

Dispose of used batteries with regard to the recycling regulations in your area. Do NOT short circuit batteries or throw them into water, the general rubbish or in a fire.

Weak batteries can leak and damage the radio. Replace them in good time!

STANDBY CONTROL

To turn the radio on:

- Press the ⏻ button.

The last used station will be played.

NOTE: When switched on for the first time the radio will perform an initial scan for stations.

To set the radio to standby:

- Press the **STANDBY/ON** ⏻ button.

When mains powered, the time will be displayed.

When battery powered, the radio will switch off completely to conserve power.

FIRST TIME USE

When your radio is switched on for the first time it will scan all usable stations and store them alphanumerically - 1 Radio, 2 Radio, AA Radio, AB Radio... The initial scan will take a few minutes. After the scan, the number of stations found will be displayed, and the radio will play the first station in the sequence.

Note: If no stations are found, switch the radio off and move it to a location with a stronger signal. When you switch the radio back on it will automatically repeat the scan process.

SETTING THE CLOCK

The clock on your radio is automatically set from the time signal broadcast with DAB radio stations.

IF DAB reception is not possible in your area, the clock must be set manually. Refer to the CLOCK section below for manual clock setting instructions.

SELECTING A DAB STATION

After scanning, the stations are stored in an alphanumeric station list.

To select another station

- Press the **SELECT/NAV** button to display the station list.
- Press the ▸▸ or ◂◂ button to browse the station list and find the station you want to play.
- Press the **SELECT/NAV** button to select the station displayed.

The radio will re-tune to the station displayed.

ADJUSTING THE VOLUME

To adjust the volume:

- Press the ▸▸ or ◂◂ button to increase or decrease the volume.

The volume display will show the level set on a scale of 0 (MUTE) to 32 (MAX).

SELECTING DAB/FM BANDS

Your radio can also receive FM band radio stations.

To change between the DAB and FM bands

- Press the **MODE** button.

'DAB' or 'FM' will be displayed and the station name (DAB) or tuned frequency (FM) will be shown.

FM RECEPTION

- Select the FM band.

To scan for FM stations

- Press the **SELECT/NAV** button.
- The frequency display will flash.
- Press and **hold** the ▸▸ or ◂◂ button to scan up or down the band to the next station.

Tuning will stop automatically when the next station is reached.

To manually tune to FM stations

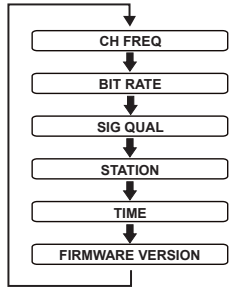
- Press the **SELECT/NAV** button.
- Press the ▸▸ or ◂◂ button briefly to tune up or down the band in 0.05MHz steps.

DISPLAY MODES

CHANGING THE DISPLAY MODE

- Press the **INFO** button to display the current display mode
- Press the ▸▸ or ◂◂ button to step through the menu options shown.
- Press the **SELECT/NAV** button to select the option displayed.

DAB DISPLAY MODE OPTIONS:



CHFREQ: The multiplex frequency and channel are displayed.

BIT RATE: The bit rate is a measure of audio quality. The audio quality improves with a higher bit rate.

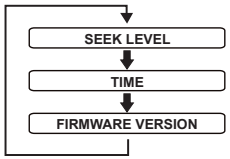
SIG QUAL: The signal quality is displayed as error rate where 0 errors is the best signal quality. To improve reception quality you can adjust the aerial position to minimise this reading.

STATION: Switches to the default station display.

TIME: Switches to display the time.

FIRMWARE VERSION: The firmware version of your radio is displayed.

FM DISPLAY MODE OPTIONS:



SEEK LEVEL: Seek level is a numeric display of signal strength. The seek level display is useful when adjusting the aerial for maximum FM signal strength.

TIME: Switches to display the time.

FIRMWARE VERSION: The firmware version of your radio is displayed.

DAB & FM PRESETS

Your radio can store up to 10 of your favourite stations as presets on both the DAB and FM bands.

To store a preset

- Tune to the station you want to store as a preset.
- Press the **PRESETS** button.

Preset number 1 (P1) will be displayed with an abbreviated DAB station name or the FM frequency stored in that preset number. 'EMPTY' will be displayed for DAB preset numbers that have no preset stored.

- To choose a preset location to store your station, press the ▸▸ or ◂◂ button to change the preset number displayed.
- To store the station playing in the preset number displayed, press and **hold** the **PRESETS** button.

When you store a preset, the preset number and 'SAVED' will be displayed to confirm the number you selected.

NOTE: You can choose a preset number that is already in use. The new station details will over-write the stored station.

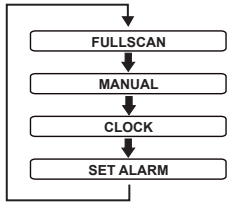
To recall a preset

- Press the **PRESETS** button.
- Press the ▸▸ or ◂◂ button to browse the preset stations you have stored.
- When you find the preset number you want, press the **SELECT/NAV** button and the radio will tune to the selected station.

ADVANCED OPERATION

You can select advanced functions from the menu of your radio:

- Press the **MENU** button.
- Press the ▸▸ or ◂◂ button to step through the menu options shown below.
- Press the **SELECT/NAV** button to select the option displayed.



FULL SCAN: When first used, your radio scanned the DAB band for available stations. The station services found were then stored in your radio's memory. You can re-scan the band at any time if you move to a different area or just to refresh the stored list of available stations.

- Select the FULL SCAN menu option to start a scan.

The scanning display will be shown while the scan takes place. A bargraph shows scan progress and the number of stations found is displayed.

MANUAL: Select manual tuning to tune directly to a multiplex frequency and display signal strength.

- Select the MANUAL menu option.
- Press the ▸▸ or ◂◂ button to browse the DAB multiplex frequencies/channels.
- Press the **SELECT/NAV** button to select a displayed channel.

A signal strength bargraph will be displayed.

CLOCK: If there is no DAB reception in your area you can set the clock manually with this option.

- Select the CLOCK menu option.
- Press the ▸▸ or ◂◂ button to change the hour.
- Press the **SELECT/NAV** button.
- Press the ▸▸ or ◂◂ button to change the minutes.
- Press the **SELECT/NAV** button.

The time will be stored.

SET ALARM: Your radio includes two alarms (Alarm 1 and Alarm 2). You can set each alarm with different wake up times.

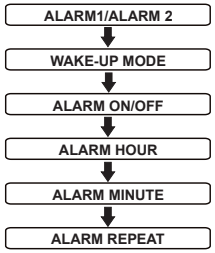
The alarms are both set and activated through the Advanced Operation menu.

To set the alarms:

- Select the SET ALARM menu option.

Follow the alarm setting sequence in the next column.

- Press the ▸▸ or ◂◂ button to change a setting.
- Press the **SELECT/NAV** button to confirm a setting and move to the next setting.



Choose to set Alarm 1 or Alarm 2.

Choose a wake mode from Buzzer, DAB or FM radio.

Select the Alarm ON option to set the alarm you are setting to wake you.

When you set either of the alarms to 'On' the display will show the alarm symbol(s).

The Alarm Hour and Minute settings enable you to set the wake-up time.

The Alarm Repeat setting enables you to set the alarms to sound every day (Daily) or just once (Once).

When you are ready to go to sleep:

- Set the radio to Standby.

The alarm will wake you at your chosen time.

When the alarm sounds:

Press the **SNOOZE** button to silence the alarm for a 5 minute snooze period or press the ⏻ button to switch off the alarm.

SYSTEM RESET

DAB is a terrestrial system and frequencies in different areas vary. If you move the radio to another part of the country performing a Full Scan may not be enough to re program the radio you may need to reset the radio.

To restore the factory settings:

- Press and **hold** the **MENU** button until the display shows 'RESET'.
- Press the **SELECT/NAV** button to confirm reset.

The Radio will now re-start and scan the DAB broadcast stations in your area.

After reset all settings are returned to the factory defaults and any stored presets are erased.

CARE AND MAINTENANCE

AFTER USING YOUR RADIO

- Set to Standby.
- Unplug it from the mains and remove the batteries if you are leaving it unattended for a long period (holidays etc).

CARE AND CLEANING

All care and cleaning operations should be carried out with the unit unplugged from the mains power.

Occasionally wipe the cabinet with a lint free duster. Never clean the unit with liquids or solvents.

SPECIFICATIONS

AC Adaptor supply input :
.....100-240 V~, 50/60 Hz, 150 mA
AC Adaptor output: .....6V ⎓ 500 mA
Product input:.....6 V ⎓ 500 mA
DAB:.....174 -240 MHz
FM:.....87.5-108 MHz
Net Weight:.....600 g

CE

Class II construction double insulated.
This product must not be connected to earth.

WARRANTY

Your Tesco appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the TESCO electrical help line on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights.

UK: Waste electrical products /batteries should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities. See www.recycle-more.co.uk or in-store for details.

ROI: Produced after 13th August 2005. Waste electrical products/batteries should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

DAB123 V0.1